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Subject Bridgewood Lake Sampling

Hi Mary Lou

I am offering you the following response to the comments and concerns generated, regarding sampling of the sediments within Bridgewood Lake.

1) When the 0 - 6" interval is collected and the following sediment conditions are present: "consolidated sediment" - one sample at this interval (and not one from the 18"-24" interval) is sufficient at this time. If it is later shown that contamination exists at this interval, then it will be necessary to define the extent at a later time.

2) When the "fine grained" sediment conditions are present, but are less than 2 ft. in depth, it is recommended that - one sample be collected from the 0-6" interval and that a second sample be collected from the 18-24" interval (even when this interval is comprised mostly of "consolidated sediments").

3) When the "fine grained" sediment conditions are present and are at intervals greater than 2 ft., it is recommended that: one sample be collected from the 0-6" interval and that a second sample be collected from the 18-24" interval. It is also recommended, that as an option, in those instances when the fine grained sediments extend to depths greater than 2 ft. (such as when they are 3-5 ft, or greater) rather than collecting the sample from the 18-24" interval; a small percentage (i.e., 25%) of the samples, along each transect, can be collected at an interval (i.e., 6 inches) above the consolidated material.

For example. If one transect contains 10 sampling points, and 8 of those points have fine grained sediments extending to depths greater than 2 ft. Then 2 locations (along the specified transect) can be sampled at an interval above the consolidated sediments and 6 will be sampled from the 18-24" interval. If you would like to discuss the percentages proposed (i.e., 25%), please feel free to contact me.

thanks,
Ray

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